

Main Advantages of the New F-1

NEW
Canon
F-1

- 1. Rugged Construction, Designed for Continuous Professional Use.**
- 2. Failsafe Electro/Mechanical Shutter:**
Titanium curtain, horizontal travel; 8 sec.—1/2000th sec. plus B. $\frac{1}{3}$ (1/90).
Slow speeds electronically controlled; 1/90th—1/2000th sec. speeds mechanically controlled and *no battery is required for operation.*
- 3. Silicon Photo Cell (SPC) Meter Has Greater Range:**
EV -1 to EV 20 (4 sec. at f1.4—1/2000th sec. at f22 w/ASA 100 film). Accepts films from ASA 6—6400; ± 2 stops exposure compensation.
- 4. Multiple Exposure Modes Available with New F-1 Components:**
 - **MANUAL, MATCH-NEEDLE**—provided in the basic New F-1 body. Provides precise analog metering and full manual control of speed and aperture.
 - **SHUTTER-PRIORITY AUTOMATION**—you select shutter speed, the New F-1 sets aperture for proper exposure. Available when either the AE Motor Drive FN or AE Power Winder FN are attached.
 - **APERTURE-PRIORITY AUTOMATION**—you select aperture, the New F-1 adjusts shutter speed for proper exposure. Available when the AE Finder FN is attached.
 - **STOPPED-DOWN AUTOMATION**—for automatic exposure control with bellows, microscope adaptors and non-FD lenses. Available when the AE Finder FN is attached.
 - **FLASH AE**—Automatic flash photography possible w/Canon dedicated Speedlites.
- 5. 32 Interchangeable Screens Provide Three Metering Patterns:**
Center-Weighted, Average Metering
Selective Area Metering (12%)
Spot Metering (3%)
- 6. Choice of Two Motor Systems, Two Optional Backs:**
 - AE Motor Drive FN—5fps. ("H"), 3.5 fps. ("L"), Single-Frame shooting *plus* motorized rewind. Choice of three power supplies.
 - AE Power Winder FN—2fps. and Single-Frame operation.
 - Film Chamber FN-100—up to 100 exposures; additional release button.
 - Data Back FN—allows dates and data to be recorded directly on film.
- 7. Unlimited Multiple Exposure capability with top-mounted rewind lever.**
- 8. Dimensions:** 5 $\frac{1}{16}$ " (W) x 1 $\frac{15}{16}$ " (D) x 3 $\frac{13}{16}$ " (H)
- 9. Weight:** 2 lbs., 4 $\frac{1}{16}$ oz. w/FD 50mm f1.4 lens.

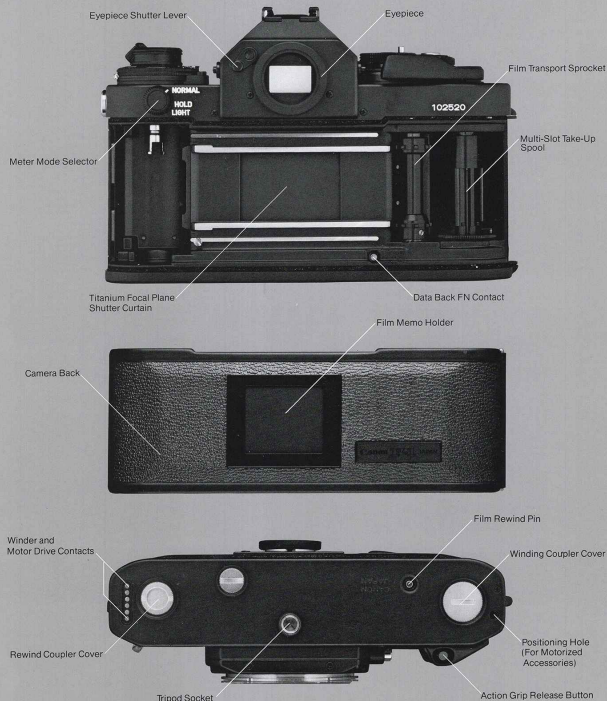
THE NEW F-1 CONCEPT

Not one, but many cameras. An incredible system of interchangeable components provides unlimited versatility.



New F-1 Nomenclature

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Not One, But Many Cameras...

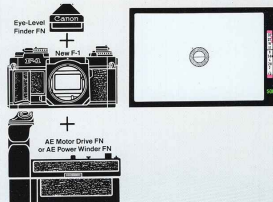
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Manual Operation Match Needle Metering



- Total Manual Control of Both Shutter Speeds And Lens Aperture.
- Match-needle Analog Readout of Aperture Plus Digital Shutter Speed Readout.

Shutter-Priority Automation



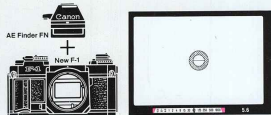
- Shutter Priority Operation Available
- Match-Needle Manual Operation Also Possible
- Match-Needle Disappears From Viewfinder Readout In Shutter-Priority Mode



Basic New F-1 shown w/Eye-Level Finder FN,
FD 50mm f1.4 lens

New F-1 shown w/Eye-Level Finder FN,
FD 50mm f1.4 lens, AE Motor Drive FN

Aperture-Priority Automation Stopped-Down Automation



- Attaching AE Finder FN Provides Aperture Priority Automation When Shutter Speed Dial Is Set To 'A'.
- Stopped-Down Automation Provided For Bellows, Non-automatic Extension Tubes, Microscopes And Older, Non-FD Lenses.
- Match-Needle Manual Operation Also Possible



New F-1 shown w/AE Finder FN,
FD 50mm f1.4 lens

Total Exposure Control



- Full Match-Needle Manual Operation
- Shutter-Priority Automation
- Aperture-Priority Automation
- Stopped-Down Automation



New F-1 shown w/AE Finder FN,
FD 50mm f1.4 lens, AE Motor Drive FN

Interchangeable Screens and Metering Patterns

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Motorized Photography

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Most professional and advanced photographers prefer a system of interchangeable focusing screens in order to obtain optimum focusing under the wide variety of assignments and lenses they use. In addition, how-

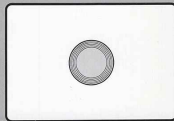
ever, the New F-1 system offers a choice of metering patterns as well. The need for hand held meters has been virtually eliminated and any metering pattern will operate perfectly under any exposure mode.



Center-Weighted Average Metering



Selective Area Metering (12%)



Spot Metering (3%)

- Meter reads entire area of the viewfinder with emphasis placed toward the center area.

- Meter reads center 12 percent of the area, enabling precision exposure of main part of picture.

- Meter reads center 3 percent of the area, enabling exposure reading for a very specific part of subject. Ideal for backlight or dark backgrounds.



Standard Microprism



Matte with Scale



New Split



Matte with Double Cross-Hair Device



Overall Matte



Bright Matte/Short Lenses



Matte with Grid



Bright Matte/Long Lenses



Split Microprism



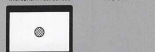
Cross Split



Microprism/Fast Lenses



A-B Size Matte



Microprism/Slow Lenses



Standard Microprism



Matte with Scale



New Split



Matte with Double Cross-Hair Device



Overall Matte



Bright Matte/Short Lenses



Matte with Grid



Bright Matte/Long Lenses



Split Microprism



Cross Split



Microprism/Fast Lenses



A-B Size Matte



Microprism/Slow Lenses



New Split



Overall Matte



Split Microprism



Matte with Double Cross-Hair Device



Bright Matte/Short Lenses



Bright Matte/Long Lenses



AE Motor Drive FN

- Provides choice of three modes: "H" (5 frames per second) "L" (3.5 frames per second) and "S" (single-frame)
- Two shutter-release buttons enable easy shooting in either vertical or horizontal positions.
- Power rewind—rewinds 36 exposure roll in eight (8) seconds



Battery Pack FN

- Uses easily-available "AA" (penlight) size batteries. 12 batteries are sufficient to drive up to 50 36-exposure film cassettes.



High Power NiCd Pack FN

- Ideal for frigid conditions, can also supply back-up power to camera.
- Drives up to 50 cassettes of film between recharges under normal temperatures.
- NiCd Charger MA/FN operates on 100 ~ 220v. AC; provides 70% charge in 5.5 hrs., 85% charge in 7.5 hrs.



NiCd Pack FN

- Built-in rechargeable NiCd batteries provide power for up to 30 cassettes of film.
- NiCd Charger MA/FN operates on 100 ~ 220v. AC; provides 70% charge in 2 hrs., 85% charge in 5 hrs.








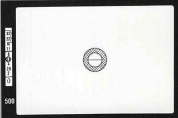

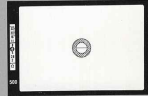


AE Power Winder FN

- Provides up to 2 frames per second or single-Frame shooting, uses just 4 "AA" batteries
- Two shutter-release buttons enable easy shooting in either vertical or horizontal positions.

Interchangeable Finders

NEW
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	Description	Basic view finder display and magnification
	Eye-Level Finder FN • Provides eye-level finding for general use. • Built-in dedicated hot shoe • Built-in eyepiece shutter	 1
	AE Finder FN • Provides aperture-priority and stopped-down automation • Built-in dedicated hot shoe • Built-in eyepiece shutter	 1*
	Speed Finder FN • Ideal for sports and action. Clear image visibility up to 60mm from eyepiece • Swivels 180° for copy and close-up work • Built-in dedicated hot shoe	 0.67*
	Waist Level Finder FN-6X • Ideal for close-ups, copy work and photomicrography • Built-in 6x magnifying glass constructed with high-refraction glass that helps eliminate spherical aberration, coma and astigmatism. • Built-in diopter adjustment ring (—5 to +3) • Exposure data is displayed unreversed on left side of finder	 1.55**
	Waist Level Finder FN • Ideal for close-ups, photomicrography, copy and astrophotography. • Built-in 4.6x magnifying glass flips up for precise focusing • Exposure data is displayed unreversed on left side of finder	 1.2*

* denotes viewfinder magnification using Eye-Level Finder FN as the standard (1X).

** viewfinder magnification at —1 diopter position.

Canon Flash Photography

NEW
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F-1

Handle-Mount Units

Speedlite 577G

- Guide number of 157 (ASA 100 film)
- Three auto flash ranges plus manual
- Remote sensor for bounce flash
- Horizontal/vertical bounce flash head
- Dedicated operation with New F-1 (automatically sets shutter speed to 1/90th sec. X sync. speed)

Speedlite 533G

- Guide number of 118 (ASA 100 film)
- Three auto flash ranges plus manual
- Remote sensor for bounce flash
- Horizontal/vertical bounce flash head
- Dedicated operation with New F-1



Shoe-Mount Units

Speedlite 199A

- Guide Number of 100 (ASA 100 film)
- Three automatic ranges plus manual
- Vertical bounce flash head
- Wide adapter for coverage w/24mm lens
- Dedicated operation with New F-1

Speedlite 188A

- Guide number of 82 (ASA 100 film)
- Two automatic ranges plus manual
- Wide adapter for flash coverage w/28mm lens
- Special circuitry for AE-1 PROGRAM readout
- Dedicated operation with New F-1

Speedlite 177A

- Guide number of 82 (ASA 100 film)
- Two automatic ranges plus manual
- Wide adapter for flash coverage w/28mm lens
- Dedicated operation with New F-1

Speedlite 155A

- Guide number of 56 (ASA 100 film)
- Two automatic ranges plus manual
- Dedicated operation with New F-1

Speedlite 133A

- Guide number of 52 (ASA 100 film)
- Two automatic ranges
- Dedicated operation with New F-1

Macrolite ML-1

- Designed for close-ups and photomicrography
- Two flash tubes may be fired alone or simultaneously
- Swivel rotation of flash unit
- Guide Number of 53 (ASA 100 film)
- Automatic exposure control
- Usable lenses: FD 80-200mm f4, FD 50mm f3.5 Macro, FD 100mm f4.0 Macro

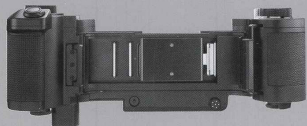


Interchangeable Backs and Special Motorized Accessories

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The New F-1 Concept: Unlimited Versatility

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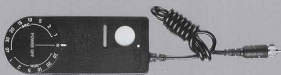
Film Chamber FN-100

- For motorized photography with AE Motor Drive FN, holds up to 100 exposures
- Provides special grip and built-in shutter-release button for convenient handling



Data Back FN

- Provides data information on film for dating coding or classification purposes
- Three position readout with numbers, letters and Roman numerals
- Records data automatically on shutter release or manually



Interval Timer TM-1 Quartz

- Provides unmanned sequential photography over 14 different settings ranging from one shot every 1-40 seconds or one shot every 1-30 minutes
- Also functions as a remote control switch



LC-1 Wireless Controller

- Provides remote-control release via infra-red light, no radio signal interference
- Choice of three operating channels for either continuous or single modes

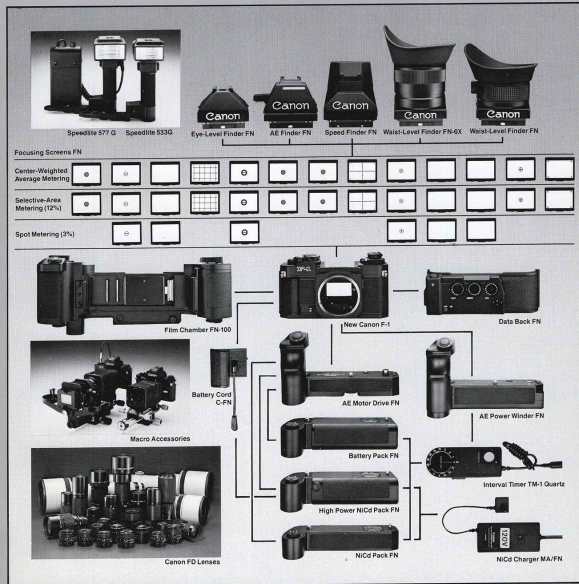
The New F-1 is a revolutionary product developed through the evolution of Canon's advanced optical, mechanical and electronic technology. The basic camera is backed up by an incredible system of accessories that allows you to meet any photographic challenge.

From photojournalism to fashion photography to industrial applications



and scientific investigations, the New F-1's capabilities are unmatched by any other camera.

It is this unlimited versatility that gives you the opportunity to create the camera that best meets your needs, whatever they might be. This is more than a new camera. It is a new concept. The New F-1 Concept, from Canon.



Interchangeable Lenses

NEW
Canon
EF-1

Macrophoto and Close-up Accessories

NEW
Canon
EF-1

FISH EYE LENSES

1. New Fisheye 7.5mm f5.6
2. New Fisheye FD 15mm f2.8

SUPER-WIDE-ANGLE LENSES

3. New FD 17mm f4.0
4. New FD 20mm f2.8
5. New FD 24mm f1.4L
6. New FD 24mm f2.0
7. New FD 24mm f2.8

WIDE-ANGLE LENSES

8. New FD 28mm f2.0
9. New FD 28mm f2.8
10. New FD 35mm f2.0
11. New FD 35mm f2.8
12. TS 35mm f2.8 S.S.C.

STANDARD LENSES

13. New FD 50mm f1.2L
14. New FD 50mm f1.7
15. New FD 50mm f1.4
16. New FD 50mm f1.8
17. New FD 50mm f3.5 Macro w/Extension Tube FD 25U
18. FD 55mm f1.2 S.S.C.

ASPHERICAL TELEPHOTO LENSES

19. New FD 85mm f1.2L
20. New FD 85mm f1.8
21. New FD 100mm f2.0
22. New FD 100mm f2.8
23. New FD 100mm f4.0 Macro w/Extension Tube FD 50U
24. New FD 135mm f2.0
25. New FD 135mm f2.8
26. New FD 135mm f3.5
27. New FD 200mm f2.8
28. New FD 200mm f4.0
29. New FD 200mm f4.0 Macro
30. New FD 300mm f2.8L
31. New FD 300mm f4.0L
32. New FD 300mm f4.0
33. New FD 300mm f5.6

SUPER-TELEPHOTO LENSES

34. New FD 400mm f2.8L
35. FD 400mm f4.5 S.S.C.
36. FD 500mm f4.5L
37. New Reflex 500mm f8.0
38. New FD 600mm f4.5

Filters

39. New FD 800mm f5.6L
40. FL 1200mm f11 S.S.C.

Focusing Unit

41. Focusing Unit

ZOOM LENSES

42. New FD 24-35mm f3.5L
43. New FD 28-50mm f3.5
44. New FD 35-70mm f2.8 f3.5
45. New FD 35-70mm f4.0
46. New FD 35-70mm f4.0 AF
47. New FD 35-105mm f3.5
48. New FD 50-135mm f3.5
49. New FD 70-180mm f4.5
50. New FD 70-210mm f4.0
51. New FD 80-200mm f4.0
52. New FD 85-300mm f4.5
53. New FD 100-200mm f5.6
54. New FD 100-300mm f5.6
55. Extender FD 2X Type A
56. Extender FD 2X Type B
57. Extender FD 1.4 Type A
- *Available in the near future.

Macrophoto and Close-up Accessories

1. Close-up Lens 450, 240
2. New FD 50mm f1.4
3. Extension Tube FD 15-U, FD 25-U, FD 50-U
4. Extension Tube M Set (5mm, 10mm, 20mm, and 25mm)
5. Macro Auto Ring
6. Bellows FL
7. New FD 50mm f3.5 Macro
8. Macro Hood
9. Macrophoto Coupler FL 52
10. Lens Mount Converter B
11. Screw-type Extension Tube
12. Lens Mount Converter A
13. Macrophoto Coupler 58mm
14. Macrophoto Lens 35mm f2.8
15. Macrophoto Lens Adapter
16. Duplicator B
17. Macrophoto Lens 20mm f3.5
18. Duplicator 16
19. Roll Film Stage
20. Duplicator 35
21. Attachment Ring
22. Auto Bellows
23. Macro Stage
24. Double Cable Release
25. Release 50
26. Release 30
27. Magnifier
28. Angle Finder A2
29. Adapter S
30. Angle Finder B
31. Camera Holder F
32. Focusing Rail
33. Copy Stand A
34. Extension Tube M5
35. F Ring 52mm
36. Handy Stand F
37. Photomicro Unit F
38. Microphoto Hood

*This combination requires the use of the Double Cable Release for automatic diaphragm coupling.

Camera Case

